



PTO/SB/08B (08-03)

Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/602,556	
			Filing Date	June 23, 2003	
			First Named Inventor	Milliron, Timothy S.	
			Art Unit	2671	
			Examiner Name	Unassigned	
Sheet	1	of	2	Attorney Docket Number	021751-001610US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

Examiner Initials*	Cite No. <sup>1</sup>	NON PATENT LITERATURE DOCUMENTS		T <sup>2</sup>
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
D7C	AA	HSU, William M. et al., "Direct Manipulation of Free-Form Deformations," <i>Computer Graphics</i> , (July 1992) 26, 177-184.		
D7C	AB	KOBBELT, Leif et al., "Interactive Multi-Resolution Modeling on Arbitrary Meshes," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1998) 105-114.		
D7C	AC	LAZARUS, Francis et al., "Axial deformations: an intuitive deformation technique," <i>Computer-Aided Design</i> , (August 1994) 26(8) 607-613.		
D7C	AD	LEE, Seung-Yong et al., "Image Morphing Using Deformation Techniques," <i>The Journal of Visualization and Computer Animation</i> , (1996) 7, 3-23.		
D7C	AE	LEE, Seung-Yong et al., "Image Metamorphosis Using Snakes and Free-Form Deformations," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1995) 439-448.		
D7C	AF	LEE, Seung-Yong et al., "Image Metamorphosis with Scattered Feature Constraints," <i>IEEE Transactions on Visualization and Computer Graphics</i> , (December 1998) 2(4), 337-354.		
D7C	AG	LERIOS, Apostolos et al., "Feature-Based Volume Metamorphosis," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1995) 449-456.		
D7C	AH	LITWINOICZ, Peter et al., "Animating Images with Drawings," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1994) 409-412.		
D7C	AI	MACRACKEN, Ron et al., "Free-Form Deformations With Lattices of Arbitrary Topology," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1996) 181-188.		
D7C	AJ	MILLIRON, Tim et al., "A framework for geometric warps and deformations" <i>ACM Transactions on Graphics</i> , (January 2002) 21(1):20:51.		
D7C	AK	SEDERBERG, Thomas W. et al., "Free-Form Deformation of Solid Geometric Models," <i>Computer Graphics</i> , (August 1988) 20(4), 151-160.		

Examiner Signature	<i>Daniel Chuy</i>	Date Considered	8/5/04
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**(use as many sheets as necessary)**

Sheet	2	of	2
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<b>Art Unit</b>	2671
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<b>Attorney Docket Number</b>	021751-001610US

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Substitute for form 1449A/PTO</b>	
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Examiner Name	Not Yet Assigned		
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		Number	Kind Code <sup>2</sup> (if known)			
D7A	AA	US 5,175,808	A	12/1992	Sayre	
D7C	AB	US 5,796,400	A	08/1998	Atkinson et al.	
D7C	AC	US 5,858,452	A	10/1998	Atkinson et al.	
D7C	AD	US 5,892,691	A	04/1999	Fowler	
D7C	AE	US 5,995,110	A	11/1999	Litwinowicz	
D7C	AF	US 6,064,393	A	05/2000	Lengyel et al.	
D7C	AG	US 6,072,496	A	06/2000	Gunter et al.	
D7C	AH	US 6,236,403	B1	05/2001	Chaki et al.	
D7C	AI	US 6,271,847	B1	08/2001	Shum et al.	

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DZC	AJ	BARR, global and Local Deformations of Solid Primitives, Computer Graphics, 18(3), 21-30 (July 1984).	
DZC	AK	BECHMANN, Space Deformation Models Survey, Computers and Graphics, 18(4), 571-586 (1994).	
DZC	AL	BEIER, Thaddeus et al., Feature-Based Image Metamorphosis, Computer Graphics, 26(2), 35-42 (July 1992).	
DZC	AM	BORREL, Simple Constrained Deformations for Geometric Modeling and Interactive Design, ACM Transactions on Graphics, 13(2), 137-155 (Apr. 1994).	
DZC	AN	COHEN-Or et al., Three-Dimensional distance Field Metamorphosis, ACM Transactions on Graphics, 17(2), 116-114 (April 1998).	
DZC	AO	COQUILLART, Extended Free-Form Deformation: A Sculpturing Tool for 3D Geometric Modeling, Computer Graphics, 24(4), 187-196 (August 1990).	
DZC	AP	CORREA et al., Texture Mapping for Cel Animation, Computer Graphics Proceedings, Annual Conference Series, 435-446 (1998).	
DZC	AQ	DECAUDIN, Geometric Deformation by Merging a 3D-Object With a Simple Shape, Graphics Interface '96, 55-60 (1996).	
DZC	AR	FORSEY et al., Hierarchical B-Spline Refinement, Computer Graphics, 22(4), 206-212 (August 1988).	
DZC	AS	GRIESSMAIR et al., Deformation of Solids with Trivariate B-Splines, Eurographics '89, 137-148 (1989).	

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